

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES-ROS 061-1 (22)	1982	4	51

TRUE NORTH
SCALE: 1"=50'

Construct Wheelchair Ramp Type D.
Install Crosswalk and Stop Bar.

Construct Bituminous Sidewalk
(Hatched Area)

BEGIN PROJECT
@ STA. 210+10.10

To Honolulu

PALI

HIGHWAY

INBOUND LANES

OUTBOUND LANES

221° 20'

ARV. M.H.

Type "C" Flare

CASTLE'S OFFICE

TRUE NORTH
SCALE: 1"=50'

@ Sta. 210+54± to @ Sta. 212+78±
Install G.R.E.A.T. System and
New Guard Rail in median
area. See Sht. No. 2 for Details.

MATCH LINE STA. 214+00

INBOUND LANES

OUTBOUND LANES

@ Sta. 222+90± Rt.
Modify Existing Spillway
See Sht. No. 32 for Details

@ Sta. 212+14 Rt. to @ Sta. 221+28 Rt.
Reconstruct 914 lin. ft. of existing
Metal Guard Rail with Metal Posts.

@ Sta. 221+28 to @ Sta. 223+03 Rt.
Install 175 lin. ft. of New Metal Guard
Rail, Type 3-Single with Steel Posts.
Connect to Reconstructed Guard Rails.

MATCH LINE STA. 224+00

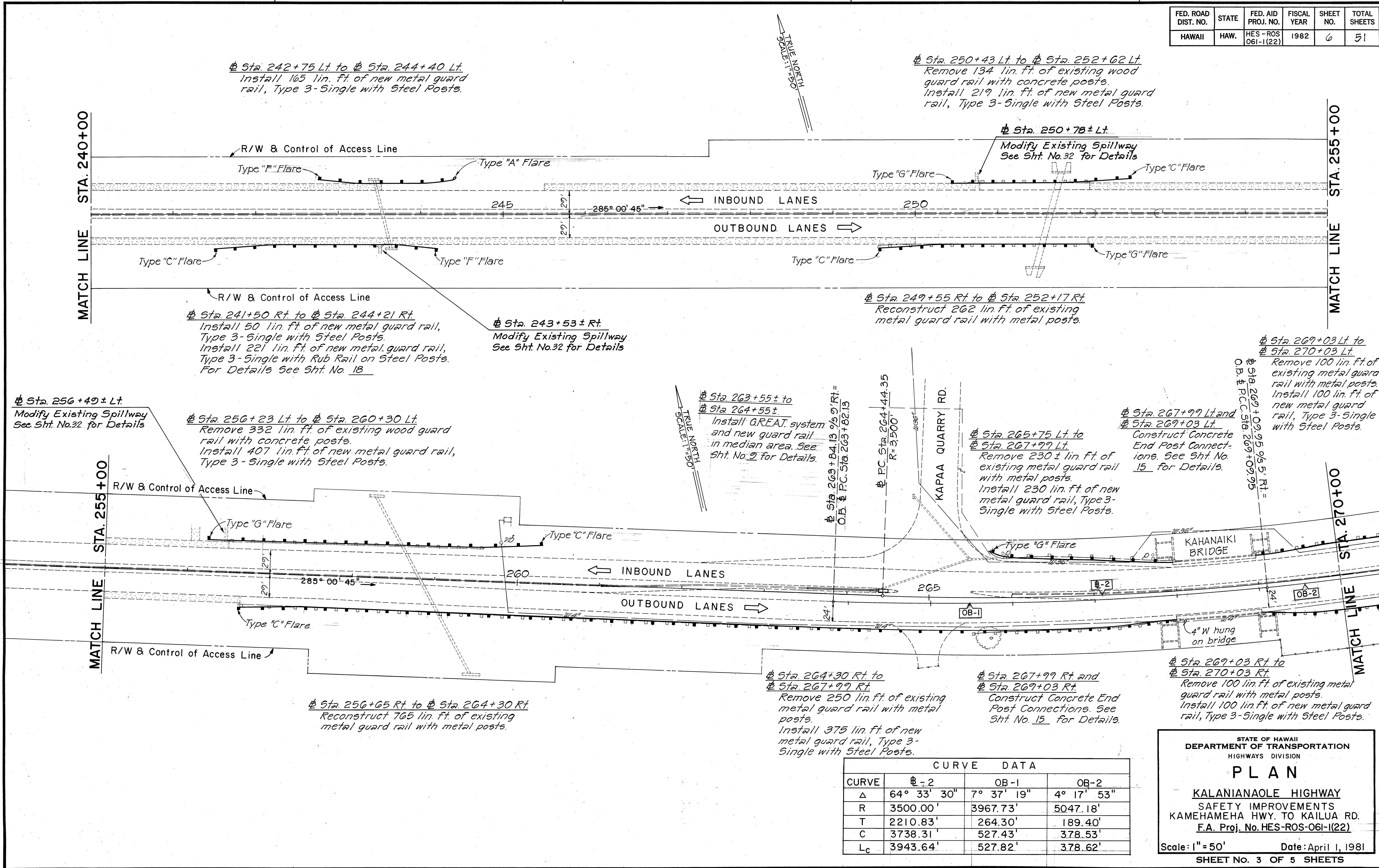
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KALANIANA'OLE HIGHWAY
SAFETY IMPROVEMENTS
KAMEHAMEHA HWY. TO KAILUA RD.
F.A. Proj. No. HES-ROS-061-1(22)

Scale: 1"=50' Date: April 1, 1981
SHEET No. 1 OF 5 SHEETS

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES - ROS 061-1(22)	1982	6	51



CURVE DATA			
CURVE	OB-1	OB-2	
Δ	64° 33' 30"	7° 37' 19"	4° 17' 53"
R	3500.00'	3967.73'	5047.18'
T	2210.83'	264.30'	189.40'
C	3738.31'	527.43'	378.53'
L _c	3943.64'	527.82'	378.62'

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

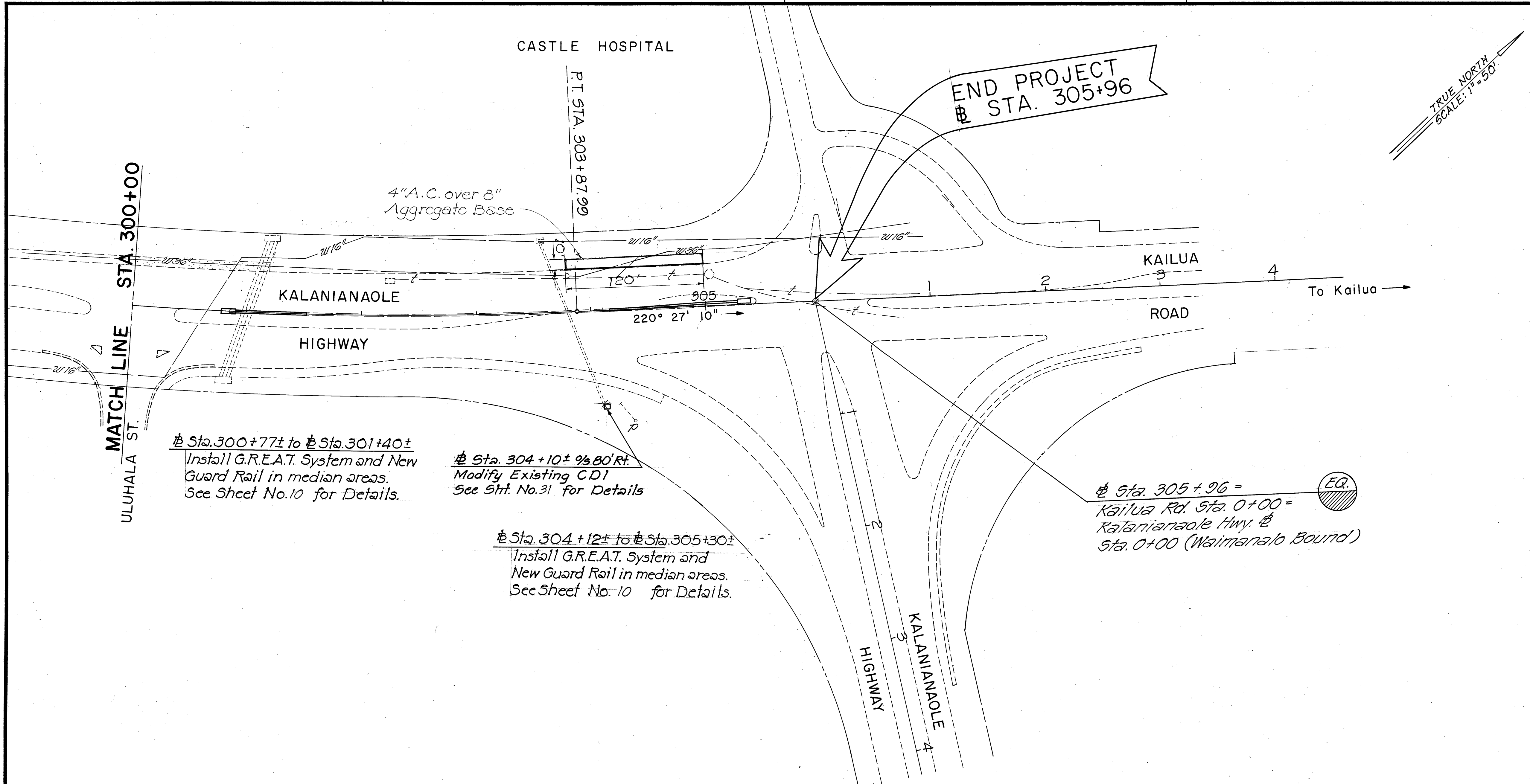
KALANIANA'OLE HIGHWAY
SAFETY IMPROVEMENTS
KAMEHAMEHA HWY. TO KAILUA RD.
F.A. Proj. No. HES-ROS-061-1(22)

Scale: 1"=50' Date: April 1, 1981

SHEET NO. 3 OF 5 SHEETS

ORIGINAL PLAN	DATE
SURVEY PLOTTED BY	
DRAWN BY	
DESIGNED BY	
NOTED BY	
CHECKED BY	

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HES - ROS 061-1(22)	1982	8	51



ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
NOTE BOOK	DRAWN BY	"
No.	DESIGNED BY	"
	QUANTITIES BY	"
	CHECKED BY	"

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

PLAN

KALANIANA'OLE HIGHWAY

SAFETY IMPROVEMENTS
KAMEHAMEHA HWY. TO KAILUA RD.
F.A. Proj. No. HES-ROS-061-1(22)

Scale: 1" = 50'
Date: April 1, 1981
SHEET No. 5 OF 5 SHEETS